

This listing of claims replaces all prior versions, and listings of claims in the application:

Listing of Claims:

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Claims 1-9 (previously canceled without prejudice).

Claim 10 (currently amended): A method of controlling displayed video and data utilizing a remote control device that interacts with a set-top box to provide enhanced interactive content based upon ~~the~~ an identity of ~~the~~ a current user of said personal remote control comprising;

recognizing said current user with an interface in said personal remote control unit;

establishing an identification of said current user based upon the recognition data supplied to said remote;

communicating said identification of said current user to said set-top box, assigning preference and profile data ~~corresponding to~~ for said current user to a current user database within said set-top box;

controlling ~~the said~~ interactive output of said set-top box by controlling said video content based on said preference and profile data.

Claim 11 (currently amended): A method of claim 10, wherein the ~~step~~ process of controlling the interactive output of said set-top box by controlling said video content based on comparing said tags placed in said video stream that indicate content of said video stream to said preference and profile data within said current user database.

Claim 12 (currently amended): A method of claim 10, wherein the process of recognizing said current user further comprises:

said recognizing ~~recognition~~ of said current user of said remote control device is based on a physical attribute of said current user.

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Claim 13 (currently amended): A method of claim 10, wherein the process of recognizing said current user further comprises:

said recognizing recognition of said current user of said remote control device is based on an intellectual attribute of said current user.

Claim 14 (currently amended): A method of claim 10, further comprising the process of empirically deriving said profile data ~~wherein said profile data is empirically derived~~ from the usage patterns of said remote control device by said current user.

Claim 15 (currently amended): A method of claim 10, further comprising the process of pretagging said video content ~~wherein said video content is pretagged~~ to indicate content of the video stream prior to being input into said set-top box.

Claims 16-18 (canceled without prejudice).

Claims 19-26 (previously canceled without prejudice).

Claim 27 (currently amended): A method of controlling displayed video and data utilizing a remote control device that interacts with a set-top box to provide enhanced interactive content based upon the ~~an~~ identity of ~~the~~ a current user of said personal remote control comprising;

recognizing said current user with an interface in said personal remote control unit;

establishing ~~an identification~~ said identity of said current user based upon the recognition data supplied to said personal remote control;

communicating said identification of said current user to said set-top box;

assigning preference and profile data ~~corresponding to~~ for said current user to a current user database within said set-top box;

controlling ~~the~~ an interactive output of said set-top box by controlling said video content based ~~on~~ upon said preference and profile data and ~~on comparing a comparison of said tags placed in said video stream, that indicate said video content of said video stream, to~~ with said preference and profile data ~~within stored in~~ said current user database.

Claim 28 (currently amended): A method of claim 27, wherein the process of recognizing said current user further comprises:

said recognizing ~~recognition of~~ said current user of said remote control device is based on a physical attribute of said current user.

Claim 29 (currently amended): A method of claim 27, wherein the process of recognizing said current user further comprises:

said recognizing ~~recognition of~~ said current user of said remote control device is based on an intellectual attribute of said current user.

Claim 30 (currently amended): A method of claim 27, further comprising the process of empirically deriving said profile data wherein said profile data is empirically derived from the usage patterns of said remote control device by said current user.

Claim 31 (currently amended): A method of claim 27, further comprising the process of pretagging said video content wherein said video content is pretagged to indicate content of the video stream prior to being input into said set-top box.

Claim 32 (currently amended): A method of claim 27, wherein the process of controlling an interactive output of said set-top box by controlling said video content based upon said preference and profile data and a comparison of tags placed in said video stream, that indicate said video content of said video further comprises:

_____ said tags that are created in real time by video recognition techniques utilizing key words.

Claim 33 (currently amended): A method of claim 27, wherein the process of controlling an interactive output of said set-top box by controlling said video content based upon said preference and profile data and a comparison of tags placed in said video stream, that indicate said video content of said video further comprises:

_____ said tags that are created in real time by video recognition techniques utilizing key images.

Claim 34 (currently amended): A method of claim 27, wherein the process of controlling an interactive output of said set-top box by controlling said video content based upon said preference and profile data and a comparison of tags placed in said video stream, that indicate said video content of said video further comprises:

_____ said tags that are created in real time by video recognition techniques utilizing key sounds.

Claims 35-43 (previously canceled without prejudice).

Claim 44 (currently amended): A system for controlling the display of enhanced ~~displayed video and data content~~ utilizing a personalized remote control device such that ~~said enhanced video content that is displayed, interacts with a set-top box to provide enhanced content~~ is based upon the an identity of the a current user of said personal remote control comprising;

an ~~ID~~ identification input device within said personalized remote control that determines to determine the said identity of said current user;

_____ a communication link between said personalized remote control and said set-top box that transmits for transmission of said identification identity of said current user; to said set-top box.

_____ a current user database located at current users premises;
_____ a said set-top box that assigns preference and profile data corresponding to
said current user to a current user database within said set-top box, and that
assigns preference and profile data corresponding to said current user to a said
current user database, within said set-top box, and that controls the interactive
output by controlling said video content and that controls said display of said
enhanced video content based on said preference and profile data within said
current user database.

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Claim 45 (currently amended): A system of claim 44, wherein the said control of said
display of enhanced video content of control of the interactive output of said set-top box
is performed by controlling said video content is based on comparing said tags placed in
said video stream that indicate content of said video stream to said preference and profile
data within said current user database.

Claim 46 (currently amended): A system of claim 44, wherein said ID-identification
input device of said current user of said personalized remote control device is
recognizes said current user based on a physical attribute of said current user.

Claim 47 (currently amended): A system of claim 44, wherein said ID-identification
input device of said current user of said personalized remote control device is recognizes
said current user based on an intellectual attribute of said current user.

Claim 48 (currently amended): A system of claim 44, wherein said preference and
profile data is empirically derived from the usage patterns of said remote control device
by said current user.

Claim 49 (currently amended): A system of claim 44, wherein said enhanced video content is pretagged to indicate content of the video stream.

Claims 50-52 (canceled without prejudice)

Claims 53-61 (previously canceled without prejudice).

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Claim 62 (currently amended): A system for controlling the display of enhanced ~~displayed~~ video and ~~data~~ content of a video stream utilizing a personalized remote control device such that said enhanced video content that is displayed ~~interacts with a set-top box to provide enhanced content~~ is based upon the an identity of the a current user of said personal remote control comprising:

an ~~ID~~ identification input device within said personalized remote control that ~~determines to determine~~ the identity of said current user;

_____ a communication link between said personalized remote control and said set-top box that transmits for transmission of said identification identity of said current user; ~~to said set-top box.~~

a current user database located at current users premises;

_____ ~~a said set-top box~~ that assigns preference and profile data corresponding to said current user to a current user database ~~within said set-top box~~, and that assigns preference and profile data corresponding to said current user to ~~a said current user database within said set-top box, and that controls the interactive output by controlling said video content~~ and that controls said display of said video content based on said preference and profile data within said current user database, and that controls ~~interactive output by controlling said~~ display of said enhanced video content based on comparing ~~said~~ tags placed in said video stream that indicate content of said video stream to said preference and profile data within said current user database.

Claim 63 (previously canceled without prejudice).

Claim 64 (currently amended): A system of claim 62, wherein the identification ID input of said current user of said remote control device is based on a physical attribute of said current user.

Claim 65 (currently amended): A system of claim 62, wherein said identification ID input of said current user of said remote control device is based on an intellectual attribute of said current user.

Claim 66 (currently amended): A system of claim 62, wherein said profile data is empirically derived from the usage patterns of said remote control device by said current user.

Claim 67 (currently amended): A system of claim 62, wherein said video content is pretagged to indicate content of the video stream.

Claim 68 (currently amended): A system of claim 62, wherein said tags are created in real time by video recognition techniques utilizing key words.

Claim 69 (currently amended): A system of claim 62, wherein said tags are created in real time by video recognition techniques utilizing key images.

Claim 70 (currently amended): A system of claim 62, wherein said tags are created in real time by video recognition techniques utilizing key sounds.

Claim 71 (new): A method of controlling the display of displayed video segments of a video stream utilizing a remote control device that interacts with a set-top box to provide

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selective programming based upon an identity of a current user of said personal remote control comprising:

- receiving recognition data from said current user, through the use of an interface in said personal remote control unit;
- establishing said identity of said current user, based upon said recognition data supplied to said remote;
- communicating said identification of said current user to said set-top box;
- assigning preference and profile data corresponding to said identity of said current user to a current user database within said set-top box;
- controlling said display of said video segments of said video stream by controlling video content of said video stream based on a comparison of said preference and profile data with tags that are placed in said video stream that indicate said video content of said video segments on a segment-by-segment basis.

Claim 72 (new): A method of claim 71, wherein recognition data from said current user of said remote control device is generated based on a physical attribute of said current user.

Claim 73 (new): A method of claim 71, wherein the recognition data from said current user of said remote control device is generated based on an intellectual attribute of said current user.

Claim 74 (new): A method of claim 71, wherein said profile data is empirically derived from the usage patterns of said remote control device by said current user.

Claim 75 (new): A method of claim 71, wherein said video content is pretagged to indicate content of the video stream prior to being input into said set-top box.

Claim 76 (new): A method of claim 71, wherein said tags are created in real time by video recognition techniques utilizing key words.

Claim 77 (new): A method of claim 71, wherein said tags are created in real time by video recognition techniques utilizing key images.

Claim 78 (new): A method of claim 71, wherein said tags are created in real time by video recognition techniques utilizing key sounds.

Claim 79 (new): A system for controlling the display of video segments utilizing a personalized remote control device to provide selective programming based upon an identity of a current user of said personal remote control comprising,

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an identification input device within said remote to determine said identity of said current user,

a set-top box that assigns preference and profile data corresponding to said current user to a current user database within said set-top box, and that controls video segment output by controlling video segment content based on said preference and profile data within said current user database, and that further controls said video segment output by controlling said video segment content based on comparing tags placed in a video stream that indicate said video segment content of said video stream on a segment-by-segment basis to said preference and profile data within said current user database;

a communication link between said personalized remote control and said set-top box for transmission of said identity of said current user to said set-top box.

Claim 80 (new): A system of claim 79, wherein the of control of the video output of said set-top box by controlling said video content is based on comparing said tags placed in

said video stream that indicate content of said video stream to said preference and profile data within said current user database.

Claim 81 (new): A system of claim 79, wherein said identification input of said current user of said remote control device is based on a physical attribute of said current user.

Claim 82 (new): A system of claim 79, wherein said identification input of said current user of said remote control device is based on an intellectual attribute of said current user.

Claim 83 (new): A system of claim 79, wherein said profile data is empirically derived from the usage patterns of said remote control device by said current user.

Claim 84 (new): A system of claim 79, wherein said video content is pretagged to indicate content of the video stream.

Claim 85 (new): A system of claim 79, wherein said tags are created in real time by video recognition techniques utilizing key words.

Claim 86 (new): A system of claim 79, wherein said tags are created in real time by video recognition techniques utilizing key images.

Claim 87 (new): A system of claim 79, wherein said tags are created in real time by video recognition techniques utilizing key sounds.